NORTHROP GRUMMAN
Mission Systems

IMACS SECURITY CHALLENGES

Interservice Material Accounting and Control System

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2004 Ogden, UT
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IMACS SECURITY CHALLENGES

- There are many security challenges inherent to applications hosted in a client/server environment
- IMACS is currently hosted in a client/server environment

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IMACS SECURITY CHALLENGES

Compliance with current and future security requirements in the client/server environment will result in:

- **High cost to secure**
- **High cost to maintain**
- **High impact to users**
- **High impact to site security administrators**
- **High impact to site system administrators**
- **Inability to deploy IMACS application because many sites cannot permit implementation of procedures required to secure IMACS in the client/server environment**

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IMACS SECURITY CHALLENGES

IMACS solution to comply with current and future security requirements is centered around a web based technology

- **Secure IMACS in the web environment because:**
  - **COTS security products to meet current and future security requirements are designed for web based systems**
  - **Low cost to maintain**
  - **Low impact to users**
  - **Low impact to site security administrators**
  - **Low impact to site system administrators**
  - **Compatible with site security environments**
  - **Compatible with DoD future architectures**

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- **A web based security solution should ensure long term future access to the IMACS system.**

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